## PRODUCT INFORMATION

| Clone ID | DM162 |
| :---: | :---: |
| Target | EPHA3 |
| Synonyms | TYRO4; HEK4; ETK1; ETK; EK4; HEK |
| Host Species | Rabbit |
| Description | Anti-EPHA3 antibody(DM162); Rabbit mAb |
| Delivery | In Stock |
| Uniprot ID | P29320 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | ELISA; Flow Cyt |
| Recommended Dilutions | ELISA 1:5000-10000; Flow Cyt 1:100 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation \& Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 \% - $8 \%$ trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$ for 12 months in lyophilized form. After reconstitution, if not |
| Storage \& Shipping | intended for use within a month, aliquot and store at $-80^{\circ} \mathrm{C}$ (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. <br> This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events; particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a |
| Background | Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript variants have been described for this gene. |
| Usage | Research use only |



Figure 1. Flow cytometry analysis with Anti-EPHA3 (DM162) on Expi293 cells transfected with human EPHA3 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

